

AMENDMENT UNDER 37 CFR § 1.111
Serial No. 10/736,756

AMENDMENTS TO THE CLAIMS

This listing of the claims replaces all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

Claims 1-10 [Previously Cancelled]

11. [Currently Amended] A device for automated coupling, optimization and fixation of a waveguide to a light emitting source, comprising:
 - a fiber alignment system with precise V grooves and control feedback for aligning an end of the waveguide with the light emitting source;
 - a high power external light source for fixing curing a curable material disposed between the end of the waveguide and the light emitting source;
 - a light injection and reflection system for injecting light from the high power external light source into the waveguide to propagate toward the light emitting source, and for directing a counter-propagating light from the light emitting source to a detector; and
 - an alignment system controller responsive to the detector for controlling the fiber alignment system to adjust the alignment between the end of the waveguide and the light emitting source so as to optimize a coupling efficiency between the light emitting source and the waveguide.
12. [Previously Cancelled]